WELCOME!

7th Annual DTS IT Security Awareness Fair

Opening Remarks

Carol Kelly
DTS Chief Information Security Officer

Department of
Technology Services

Cybercriminal Activities - 2007

Target	Extortion Rate
Installing ads on personal PCs	**.30 / per ad**
Kits to exploit computers	**From $1 - $4 / per hour**
Undetected 'plant' to steal information on a personal computer (Trojan)	**$80 / per occurrence**
Distributed denial of service attack (similar to the DTS e-mail experience described above)	**$100 / day**
A compromised PC	**$1 / per PC**
Stolen bank account information	**Prices from $50 and up (depending on how much information)**
Stolen e-mail addresses	**$8 and up**

Department of Technology Services

KEYNOTE

Christy Quinlan

Chief Deputy Director

CA Office of the CIO

Department of
Technology Services

Office of the Chief Information Officer

Christy Quinlan

Chief Deputy Director

Office of the Chief Information Officer

October 22, 2008

SpaceShipOne and Peter's Laws

Peter's Law #5: Do it by the book… but be the author

Peter's Law # 8: If it's worth doing, it's got to be done right now

~Peter Diamandis, co-founder of the Ansari X PRIZE

Where are we today?

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The Current California IT Landscape

Executive Branch
12 Agencies with 67 Departments

24 Offices, Councils, Commissions and Boards

8 Constitutional Offices

Approximately 130 CIO's

Estimated 10,000 IT State Employees

CA's Information Technology Budget

- Approximately $3 billion annually

- CA spends approximately 2-3% of $140 billion state budget on IT.

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California's Major IT Projects

- Project Portfolio – 120 projects under development valued at $6.8 billion over 11 years

- Annually, $400 - $600 million in project spending

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Top 10 IT Projects

- Financial Information System for California (FI$Cal)

- California Child Support Automated System
  - Child Support Enforcement
  - State Disbursement Unit

- Strategic Offender Management System (SOMS)

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Top 10 IT Projects (cont.)

- Business Information System (BIS)

- Information Technology Modernization

- Child Welfare Support / (New) Case Management System

- Unemployment Insurance Modernization (UI MOD)

- Interim State Automated Welfare System (ISAWS) Migration

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What is the IT Landscape?

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OCIO Statewide IT Survey

- Focus of survey was to understand current operating environment

- Responses covered 94% of estimated spend

- 29 of 92 agencies reported having a project management office

- 78 of 92 use DTS services

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OCIO Statewide IT Survey

- 408,732 Square feet of data center capacity

- 31% at Department of Technology Services

- 9494 Total Servers

- Email / File / Print alone utilize 2100 servers

- Mobile devices are estimated to exceed 20,000

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So… What's Next?

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Where is IT in California heading?

- Make Government More Accessible and Transparent to the People of California

- Improve the Performance, Reliability and Security of the State's Information Technology Infrastructure

- Leverage Information Resources to Enhance Government Services and Decision-Making

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Integrate Business and IT Planning

- On September 30, 2008, Agencies submitted their Five Year IT Capital Plan

- Annual updates on these plans:
  - Ensure investments support business needs
  - Align IT investments
  - Share Data

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Establish Enterprise Architecture

- Agency CIOs will be required to submit Agency-wide Enterprise Architecture proposals

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Risk Mitigation Approach

- Develop a phased project planning approach

- Develop standard approaches for:
  - Project Reporting
  - Risk Reporting
  - Risk Mitigation

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Establishing an Enterprise Project Management Office

- Program and Project Management
- Defining standards, templates and methodologies for
  - project management
  - budgeting
  - technology acquisitions
  - contract management
  - risk management
  - training

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IT Workforce and Succession Planning

- Attract
  - Partner with Universities and Colleges to recruit student

- Develop
  - Streamline the classifications, selection, testing and evaluation process

- Retain
  - Use IT capital planning process to project future workers
  - Open Testing

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Data Strategy

- Establish comprehensive data strategy
  - Enhance government services
  - Better decision making
  - Increase transparency
  - Use GIS to make data visual

Major Initiatives

We are working with DTS on a number of infrastructure projects:

- California's Disaster Preparedness
- CA Mail
- Network Consolidation
- eServices
- Results of the Statewide Survey

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What about Security?

Securing IT Assets

- Develop a long term plan for data center requirements that address
  - Risks associated with natural disasters
  - Continuity of government IT functions
  - Network and Data Security
  - Environmental Impact of State's IT infrastructure

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What's Changing; Why Now?

- Strong Gubernatorial Support
- Strong Legislative Demand for data and transparency
- Pent up demand
  - Replace legacy systems
  - Upgrade technology infrastructure

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Celebrating Success in California

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More Good News

California is recognized as a leader in IT:

- 3rd Place in Center for Digital Government's 'Best of the Web'

- Ranked 4th in Brookings Institution's Annual Report for CA's websites

- 5th Place in Digital State Survey

- 1 Winner and Four Finalist in the NASCIO Technology Awards

- OSI Won DGAA Award for Management of Large Projects

Partnership is Key

Partnering with Business Community

- California's business partners are critical to our success

- Together, we will overhaul California's infrastructure and transform government services for the people

"We are in a new age where technology is everywhere around us and drives everything that we do. It is also our greatest partner and asset as we work to conquer the challenges that threaten our future."

– Governor Arnold Schwarzenegger